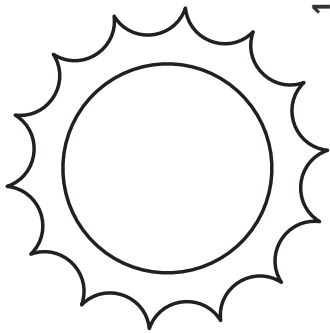


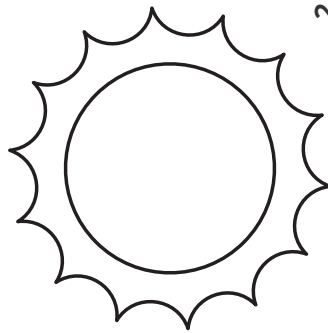
Total Solar Eclipse Flipbook

Intermediate

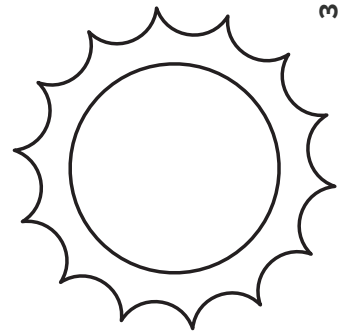
Read each step of the solar eclipse. Draw the Moon's path across the Sun. Color the Moon black. Color the Sun yellow or orange. When the flipbook is completely colored, cut out each page of the flipbook. Take the pages to your teacher to be stapled together. How does your flipbook compare to the real event?



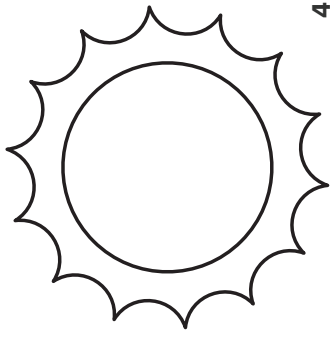
Prior to the eclipse, the Sun shines brightly in the sky.



As the Moon slowly moves in between the Earth and Sun, a small semi-circle of light is blocked on the top right of the Sun.

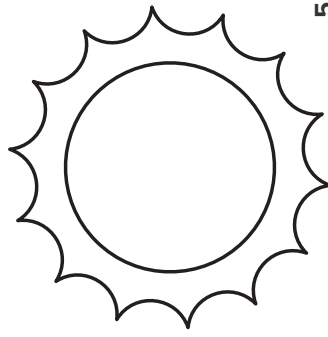


The blocked area of light grows as the Moon continues moving between the Sun and the Earth. Now the Moon blocks about one-fourth of the Sun.



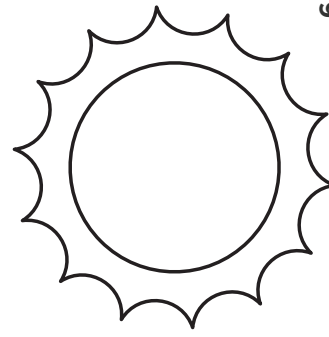
4

The Moon continues to move in front of the Sun. A short time later, about one-half of the Sun's light is blocked.



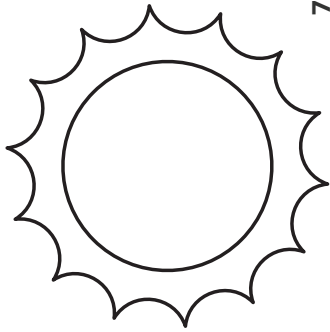
5

The Moon continues to cross in front of the Sun. About three-fourths of the Sun's light is blocked by the Moon coming from the right.



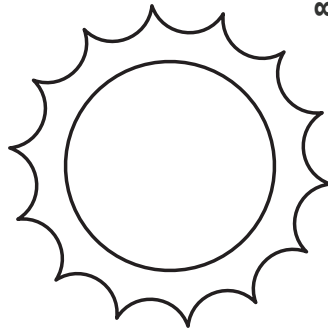
6

Now, the Moon blocks all of the Sun's light. Only a small portion of light appears behind the Moon, called a corona.



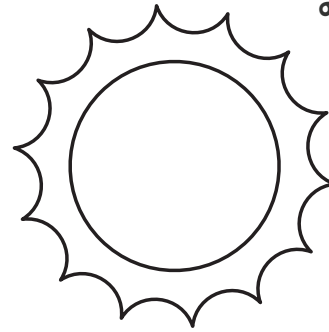
7

The Moon continues to cross in front of the Sun from the right. A small sliver of light now shows in the top right of the Sun.



8

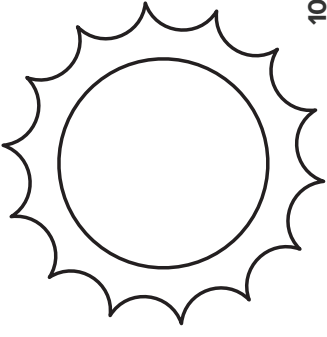
The Moon continues moving between the Sun and the Earth. Now, about one-fourth of the Sun is exposed in a crescent shape.



9

The Moon slowly continues its path. About one-half of the Sun is uncovered.

Three-fourths of the Sun's light now shows as a crescent shape as the Moon continues to eclipse the Sun.



The Moon completes its eclipse of the Sun. The Sun's light shines brightly in the sky.

